

WWA-OB4-Alpha-V2.1 Release Notes

April 14, 2004

(FR NA / TDR 284 / STDR 833 / DCR 385 / DCS 2603)

1. **Title: Redesign WBC/WCN processing**

Description: Based on the OTE results the following areas of the WBC/WCN design need to be changed:

- 1) Don't pass to text workstation for dissemination, use WWA Transmit function. <1/2 mon>
- 2) Only one mode to format based on SPC WCL/WOU product input. <1/4 mon>
- 3) Improve backup operationally functionality & streamline configuration process <1 mon>
- 4) Display all counties in WCL/WOU on sites GeoViewer, if location viewable <1mon>
- 5) Increase logging <1/4 mon>
- 6) Add extension in areas for WCN/WWA products separate segments currently same segment <1 mon>
- 7) Add the ability to process marine zones UGCs added to SPC WOU product. ORD-SPC-watches-marine.wpd. <1/2 mon>
- 8) Add marine zones to county map, tied to # 7.
- 9) Correct WCN VTEC ETN if monitor primming selection missed before new, manual processed removed or ensure SPC watch number is in WCN VTEC string. <1/2 mon>
- 10) WWA hangs when segmenting WCNs together FR_1249 <1/2 mon>
- 11) Automatic segment ordering 1st & 2nd tier for "All" WWA products including WCN. This ordering must also apply to VTEC strings & headlines.:
 - A) Corrections,
 - warnings
 - advisories
 - watches
 - B) Cancellations (& replacements)
 - warnings
 - advisories
 - watches
 - C) Warnings
 - Upgrades/Replacements
 - New
 - Extensions in area
 - Extensions in time
 - Continuations
 - D) Advisories
 - Upgrades/Replacements
 - New
 - Extensions in area
 - Extensions in time
 - Continuations
 - E) Watches
 - Upgrades (long durations) / Replacements (short duration)
 - New
 - Extensions in area
 - Extensions in time
 - Continuations
- 12) WCN NWR formatting uses SLS NWR template which causes a life cycle problem.
- 13) Buttonology reduction when generating WWA/WCN products.
 - Automate multiple watch issuances (ie SVR exists, TOR issued overlapping SVR)
- 14) Ensure WWA WBC/WCN software is 1701 compliant. IE test message format for WOU.
- 15) Separate section for independent cities in WCN text

Status: **Delivered** <12.30.03>

- (FR none / SPR 5802 / DR 13755)
2. **Title: WWA: Forecaster identification interface**
Description: With the progression toward a self-contained WWA there is a need to add forecaster initials/name/or ID at the bottom of product automatically.
Design Doc: <http://www.nws.noaa.gov/mdl/wwa/docs/SelfContainedWWA.pdf> (UC8)
Status: **Delivered** <02.02.04>
- (FR NA / TDR 283 / STDR 832 / DCR 384 / DCS 2602)
3. **Title: WWA: TPC, JTWC, CPHC headline injection & GeoViewer Display**
Description: Ingest and process the Tropical prediction Center, Central Pacific Hurricane Center, and WFO Guam issued tropical cyclone watches and warnings._ORD-TPC-CPHC-Guam-WWA.wpd
Status: **Delivered** <01.30.04>
- (FR NA / TDR 282 / STDR 831 / DCR 383 / DCS 2601)
4. **Title: WWA: WWA WSO intersite.**
Description: Alaska has requested the ability to view WSO WWAs within the Geo-viewer & monitor (Non-AWIPS sites).
Status: **Delivered** <01.12.04>
- (FR NA / TDR 66 / STDR 830 / DCR 386 / DCS 2600)
5. **Title: WWA: Preview Display Function**
Description: Develop a “read only” display to show WWA products created from the WWA application. Reference 1701 and similar WarnGen reissue function.
Design Doc: <http://www.nws.noaa.gov/mdl/wwa/docs/SelfContainedWWA.pdf> (UC4, pg 11-12)
Status: **Delivered** <12.23.03>
- (FR NA / SPR NA / DR 13537)
6. **Title: WWA: Counties and cities not included in SLS (OB4 merge)**
Description: No counties or cities are included in SLSs created via tornado and thunderstorm watch from WWA. The SLS only show (besides the header): TORNADO WATCH NUMBER 51 IN EFFECT UNTIL 608 PM PST. (OB3 merge SPR NA / DR 13458)
Status: **Delivered** <12.08.03>
- (FR NA / SPR 5678 / DR 13810)
7. **Title: WWA: Recommended products disappear if No is selected in the associated WCN or SLS Transmit window (OB4 merge)**
Description: Attempt to create a WCN or SLS from a Recommended (SEV, SAW, WCL, WOU) 1) Click transmit 2) in the WWA composer in the Transmit window, 3) Click on Yes to cancel the Transmit process, 4) close the composer. At this point the Recommended product disappears. The Recommended product should remain in the WWA monitor. (OB3 Merge SPR 5677 / DR 13460)
Status: **Delivered** <12.08.03>

(FR none / SPR 5653 / DR 13438)

8. **Title: WWA: CEM changes & activate upgrade/downgrade (OB4 merge)**

Description: The following needs to change based on the field/regional review of WWA OB3. 1) CEM type template files which include CEM, VOW, SPW, RHW, NUW, LEW, HMW, FRW, EQW, CDW, EVI,, NMN, TOE, LAE, CAE, EQR need to be updated to accommodate the following framing for the MND header:

```
! ** PUT BROADCASTS ACTION HERE - CONSULT SDM **!  
CIVIL EMERGENCY MESSAGE  
! ** PUT ISSUE AGENCY HERE **!  
RELAYED BY NATIONAL WEATHER SERVICE <site name>  
1130 AM EDT WED SEP 24 2003
```

2) Each CEM type listed above needs to be county based rather than zone based. 3) Finally, the upgrade/downgrade switch found in the wwa db needs to be activated during the OB3 install process. (OB3 merge SPR 5652 / DR 13437)

Status: **Delivered** <12.08.03>

(FR NA / SPR 5622 / DR 13801)

9. **Title: WWA: Remain in effect descriptive text not brought forward (OB4 Merge)**

Description: When generating a WWA that continues a hazard (or “remains” in effect segment) the descriptive text is not brought forward for that segment in the final transmit editor. (OB3 Merge SPR 5619 / DR 13394)

Status: **Delivered** <11.14.03>

(FR NA / SPR 5623 / DR 13802)

10. **Title: WWA: Double descriptive text in final product with upgrade/downgrade/replace (OB4 merge)**

Description: When performing an upgrade/downgrade/replace the descriptive text from the original hazard and descriptive text from the upgraded/downgraded/replacement hazard are being double up in same segment. This is intended for overlapping hazards however this is not needed in the special case of upgrade/downgrade/replacement. (OB3 merge SPR 5620 / DR 13395)

Status: **Delivered** <11.14.03>

(FR NA / SPR 5624 / DR 13803)

11. **Title: WWA: WWA Crash after products sent (OB4 merge)**

Description: Frequent, but at random times WWA will crash (core dump / client) after products are sent from the NEW TCL/TK window. Seems to happen when 3 to 5 lines of code are entered into the Xmit window widget. (OB3 merge SPR 5614 / DR 13396)

Priority: Usability

Status: **Delivered** <11.11.03>

(FR NA / SPR 5744 / DR 13664)

12. **Title: WWA: WCN db & template file changes**

Description: WCN nwr template file names defined in the WWA char database do not match the actual name of the nwr template file. Also the WCN template files need to change from zone based to county based in the template itself.

Status: **Delivered** <1.14.04>

(FR 1436 / SPR 5747 / DR 13667)

14. **Title: Extreme WWA slowdown**

Description: Whenever many products appear in the Monitor, and many rows of data are in the status table, WWA users experience an extreme slowdown of the Monitor refresh. Local testing with 150 rows of data in the status table caused 30 seconds to pass during refresh, while during an actual event LWX, BOX, and GYX experienced 1-4 minutes elapse while the monitor was refreshing given similar amounts of data.

Status: **Delivered** <1.16.04>

(FR 1422 / SPR 5796 / DR 13739) <Check in date on or before 2.6.04>

15. Title: WWA: Products don't become issued in the WWA Monitor

Description: After transmitting a product from WWA, the hazard does not update to white in the Monitor. This is related to VTEC ETN incrementing. ETN values should only change/ increment when VTEC is active and after a successful transmission. Also the software should check for negative ETN value before doing an insert status. If neg value found this needs to be logged to help trouble shoot why neg value was generated.

Status: **Delivered**

(FR NA / SPR 5743 / DR 13663)

16. Title: WWA: WOU ordering in new WOU GUI

Description: The WOU products represented in the new WOU GUI are not automatically ordered for the user. This list needs to be ordered with the latest at the top when the GUI is opened.

Status: **Delivered** <2.26.04>

(FR NA / SPR 5801 / DR 13765)

17. Title: WWA Cannot segment cancelations with other active products

Description: When a canceled product is highlighted along with an active product, the transmit.. Button is greyed out. This prevents the forecaster from creating a segmented product with the canceled segments and active segments together. This will be critical for VTEC in cases where a watch is replaced by a warning, since even though the watch no longer exists, its VTEC line needs to be proceed the new warning.

Status: **Delivered** <1.30.04>

(FR NA / SPR 5807 / DR 13765)

18. Title: WWA Remove WCN mode menu and cleanup ingest_wcl

Description: The WCN mode menu option is no longer needed in the awips start menu. The backup will now be handled by the new WCN gui in WWA. Also, remove the last remaining tie into wouConfig.txt from the ingest_wcl program so this data file will no longer be needed.

Status: **Delivered** <1.30.04>

(FR 1434 / SPR 5730 / DR 13635)

19. Title: Proposed products not showing up in Monitor (OB4 merge)

Description: When creating a proposed product, it does not show up in the Monitor. However, it is pushed to the adjacent sites. (3.1 merge SPR 5729 / DR 13633)

Status: **Delivered** <2.6.04>

(FR 1438 SPR 5799 / DR 13748)

20. Title: ProdExp time not updating in Composer

Description: The ProdExp field is not updating when you followup/clear a hazard and the Composer comes up. It remains the issuance time plus the offset time rather than the current time plus the offset time.

Status: **Delivered** <2.6.04>

(FR 1437 SPR 5816 / DR 13847)

21. Title: watch phrase incorrect

Description: When creating a watch starting between 11:45pm and 5:45am at least one day in the future (i.e not tonight), then the wording will be incorrect for the first portion of the time. If today is Tuesday and you want to start 2:00am Thursday and lat until 2:00am Thursday, the phrase time will give you LATE THURSDAY NIGHT UNTIL THURSDAY AFTERNOON, when it should read LATE WEDNESDAY NIGHT UNTIL THURSDAY AFTERNOON.

Status: **Delivered** <2.6.04>

- (FR 1437 SPR none / DR 13884)
22. **Title: text generation bug**
Description: It was discovered in MDL NHD3 testing that for initial product development the generated headline, or area block in WCN, is missing. Change will need to be made in TextTemplate.C
Status: **Delivered** <02.13.04>
- (FR NA / SPR 5860 / DR 13894)
23. **Title: WWA: Cannot regenerate WCN in Monitor after initial/first generation from WOU GUI**
Description: A bug was discovered during NHD3 testing where WCN products will not generate after the first/initial generation. From error logs the patch used to find the WOU file to process from is appended to which is causing the problem of not being able to find the WOU to process.
Status: **Delivered** <2.23.04>
- (FR NA / SPR 5861 / DR 13895)
24. **Title: WWA: Grab TPC hazard start time from VTEC string**
Description: Products ingested from TPC get their start time from the MND header block's issuance time field. This information needs to be grabbed from the provided VTEC string. Also included...Currently when TPC cancels hurricane watches/warnings this is reflected in the product issued to WWA and each associated watch/warning is dropped. Instead of dropping these hazards they should change to red in the monitor and drop out after 15 minutes of processing the cancel signal from TPC.
Status: **Delivered** <3.1.04>
- (FR NA / SPR 5863 / DR 13898)
25. **Title: WWA: Multiple WCNs showing up in monitor**
Description: During WBC/WCN testing it was discovered multiple WCN hazards are showing up in the WWA Monitor...duplicates of the first WCN. It is quite possible this extends into other WWA hazard types.
Status: **Delivered** <02.27.04>
- (FR NA / SPR 5864 / DR 13899)
26. **Title: WWA: Capture WOU product class field for WCN generation**
Description: As part of SPC WOU processing in WWA the VTEC product class (first char o, t, e, x) needs to be captured and carried through from the WOU to the WCN's VTEC product class field.
Status: **Delivered** <3.1.04>
- (FR NA / SPR 5862 / DR 13897)
27. **Title: WWA: WBC/WCN headline alterations**
Description: With the new upgrade ability in the WBC/WCN functionality there is now a need to change the headlines generated when an upgrade/replacement happens. Policy document 511 should be referenced for necessary changes.
Status: **Delivered** <3.5.04>
- (FR NA / SPR 5875 / DR 13942)
28. **Title: WWA: Auto collect WCN segments before transmit**
Description: When generating a multi segmented WCN there may be several segments to manually select before selecting the transmit button. Because of this it would be easy to miss selecting every segment. An error checking solution should be developed where if one or more WCN segments are selected in the WWA monitor when transmit button is selected a check would be made to ensure each segment was included. If not the user would be prompted with a message such as "Missing WCN segments, include them now? (Yes/no)"
Status: **Delivered** <3.5.04>

(FR NA / SPR 5886 / DR 13996)

29. Title: Include WCL products into preview function.

Description: The preview function allows forecasters to display products as issued from a mouse click on selected WWA monitor products. This functionality is desired on ingested WCL products.

Status: **Delivered** <3.12.04>

(FR NA / SPR 5888 / DR 13998)

30. Title: Which site, local, primary, secondary

Description: it was requested in the OB4 field/regional demo that WWA better display which site WWA is localized to local, primary, or secondary backup. Currently the title bar in the WWA composer displays the site id, this needs to be expanded to other WWA interfaces. Other clear indicators are also encouraged.

Status: **Delivered** <3.5.04>

(FR none / SPR 5901 / DR 14035)

31. Title: Remove “Headline Edit?” from composer menu bar

Description: In the composer menu bar under options the greyed out selection “Headline Edit?” needs to be removed from the drop down menu.

Status: **Delivered** <3.10.04>

(FR none / SPR 5902 / DR 14036)

32. Title: WWA: H-VTEC requirement change

Description: The H-VTEC requirement has again changed. The ddmmyy field before the static “T” field was reverted back to it’s original 6 char format as shown below. Also changed and shown below is the fr- field record field which was changed from a single numeric digit, zero (or "0"), to a 2 digit character/letter value of OO (oh, oh) for areal based hydro products.

Current H-VTEC: /0.ER.**00**T0000Z.**00**T0000Z.**00**T0000Z.**0**/

New H-VTEC: /0.ER.**000000**T0000Z.**000000**T0000Z.**000000**T0000Z.**OO**/

Status: **Delivered** <3.10.04>

(FR NA / SPR 5911 / DR 14071)

33. Title: Segment, VTEC, & headline ordering issues

Description: If you have a watch out for a couple zones and you issue a new warning which partially overlaps the watch and has some of its own zones, and you have it upgraded the watch, the segment which should be for a new warning, actually formats a VTEC for the upgraded watch, and it has no headline.

Status: **Delivered** <3.17.04>

(FR NA / SPR 5887 / DR 13997)

34. Title: Mods to WOU interface

Description: Two modifications need to be made to the WOU interface. 1) Only active WOU products will be listed in the drop down menu and 2) add a refresh button so sites can update the WOU list with valid products without having to close and reopen the interface.

Status: **Delivered** <3.17.04>

(FR NA / SPR 5889 / DR 13999)

35. Title: Line formatting errors.

Description: NHD3 testing revealed line formatting errors, 1) only one line between \$\$ and forecaster id, 2) only one line between headline and body of text, 3) only one line between descriptive text field and \$\$, 3) if no descriptive text extra lines, 4) missing carriage return before “The National weather Service has issued” in the FFA product.

Status: **Delivered** <3.17.04>

(FR NA / SPR 5927 / DR 14120)

36. Title: WWA call to the vtec_product_class missing “”

Description: In TBDW WWA OB4 Alpha testing a bug was discovered with the vtec_product_class field where SQL errors were returned every time an update was made to the status table. This problem was traced back to missing “” in the sql that adds the vtec_product_class field to the status table. Although the bug was discovered only with the char “O” make sure all the other possible chars related to this field use “” around the value. Other possible values are O, T, E, X.

Status: **Delivered** <Code check in on or before 3.26.04>

(FR NA / SPR 5921 / DR 14094)

37. Title: Error check for mixed VTEC product class types

Description: Segments that include the VTEC product class type “T” or “E” should never mix with segments that contain “O” or “X”, when combining segments in the monitor interface prior to selecting the transmit button (As described in 10-1703). An error checking routine needs to be developed that will check for this product class mismatch once the monitor transmit button is selected and if a mismatch is discovered the user will be prompted with the error and product creation stops. The message displayed to the user should state “Mixing Test and/or Experimental segments with operational segments is prohibited.” and provide an “ok” button to exit back to the WWA monitor so the correction can be made by the user.

Status: **Delivered** <3.19.04>

(FR none / SPR 5941 / DR 14155)

38. Title: Vtec incorrect for existing WCN with two new WCNs ingested

Description: If two new WCNs come in and are put into the WWA monitor, and one overlaps the existing WCN and the other one does not, then the VTEC will be incorrect for the counties which overlap. This is because the first WCN which is inserted causes the first WCN to become cleared, and then the second WCN comes in and follows up the WCN, and WWA cannot handle a clearing and a followup to the same product. The ingest program should recognize that the existing WCN has already been followed up or cleared and should not perform any function. It should allow multiple clears however.

Status: **Delivered** <4.2.04>

(FR NA / SPR 5950 / DR 14178)

39. Title: VTEC subordering

Description: During VTEC WBC scenario testing, it was noted that in cases of multiple vtec lines in the same segment, the second, third vtec should be used as secondary, tertiary, etc priority in determining segment order. For example if segment A was CAN and segment B was CAN and a NEW, then segment A should come before segment B. Further if segment A was a NEW.A and CON.Y and segment B was a NEW.A and CON.W, then segment B should come first. The NEWs are the same priority, but the continued warning is higher priority than the continued advisory, so that bumps that segment to top.

Status: **Delivered** <4.6.04>

(FR none / SPR 5969 / DR 14198)

40. Title: VTEC site id 1st char not always “K”

Description: The VTEC site ID is hardwired with the first character “K” (EG KPDX), however other possible letters are “P” (AK sites) and “T” (PR). Instead of hardwiring this character the AWIPS environment variable containing the complete 4 character site id should be used.

Status: **Delivered** <4.9.04>

(FR none / SPR 5977 / DR 14215)

41. Title: WWA Crash

Description: NHD3 testing shows WWA will crash when launching the transmit editor from the second time. IE, from the composer select “Edit and Transmit”, cancel back from the transmit editor, select “Edit and transmit.

Status: **Delivered** <4.12.04>

(FR none / SPR 5633 / DR 13806)

42. Title: WWA: Transmit editor alterations (OB4 Merge)

Description: The following transmit editor alterations need to be accommodated: 1) Add “unlimited Undo” function to new transmit editor, 2) Only popup “cancel” prompt box if text changed in transmit editor, 3) Add prompt box to “Send” button”...ie “Transmit PDXWSWPD?”), 4)Change “Transmit” to “Send” found under File on the menu bar, 5)Adjust button bar. Left justify “Send” button, right justify all other buttons (Search, Spell, Exit) 6) Error check for **! ** **!** do not disseminate if either or both are present. (OB3 merge SPR 5631 / DR 13402)

Status: **Delivered** <12.08 03>

(FR none / SPR 5674 / DR 13808)

43. Title: WWA: very slow lag time in transmit window (OB4 merge)

Description: There is a tremendous amount of lag time in the transmit window when trying to perform any edits or any other functions. (OB3 merge SPR 5673 / DR 13455)

Status: **Delivered** <12.08 03>

(FR none / SPR 5635 / DR 13798)

44. Title: WWA: WWAAdmin incorrect & missing VTEC options (OB4 merge)

Description: NHD4 testing revealed incorrect & missing VTEC options located in the phenomena pull down menu. Details listed in SPR/DR. (OB3 merge SPR 5598 / DR 13364)

Status: **Delivered** <12.08 03>

(FR none / SPR 5636 / DR 13797)

45. Title: WWA: WWAAdmin fails when reading a blank db field blank (OB4 merge)

Description: If a WWA db field is blank the WWAAdmin application fails when this field is read. Error checking routines need to be developed to prevent this from happening. (OB3 merge SPR 5604 / DR 13363)

Status: **Delivered** <12.08 03>

(FR none / SPR 5637 / DR 13799)

46. Title: WWA: Allow editing of WWA & NWR template file names in WWAAdmin (OB4 merge)

Description: Currently in the WWAAdmin application both the WWA and NWR template file names are displayed but editing of these names is not allowed. These fields need to become editable. (OB3 merge SPR 5605 / DR 13365)

Status: **Delivered** <12.08.03>

(FR none / SPR 5676 / DR 13809)

47. Title: WWA: Right click on GeoViewer while transmit window is displayed causes complete lockup of workstation (OB4 merge)

Description: If user right clicks on the WWA GeoViewer while the transmit window is open, the mouse turns to a right-pointing position and becomes inoperable. At this point, the user cannot do anything else on the entire workstation until the WWA process is killed from another workstation (OB3 merge SPR 5675 / DR 13456)

Status: **Delivered** <12.08.03>

(FR none / SPR 5857 / DR 13891)

48. Title: WWA: intersite prepwork for new status struct field

Description: Changes were made in OB3.1 SPR 5736 to account for new changes made to the status struct that if not made would break intersite between lower versions of the WWA software. The OB4 software must also be altered to accommodate this change made to the status struct.

Status: **Delivered** <2.13.04>

(FR NA / SPR 5708 / DR 13592)

49. Title: Xmit Quality Control (OB4 Merge)

Description: The WWA xmit window needs a level of quality control (QC) that will lock the forecaster out of editing restricted fields. General restricted fields include: WMO & MND headers, UGC strings, county/zone string, VTEC string. \$\$... with different rules based on product type (eg CEM type products need to have !** **! fields editable). Quality Control parsing will also be developed to ensure correct product formatting once the send button is selected. Areas of quality control include: The Dot, "." preceding the synopsis/overview section. (OB3.1 merge SPR 5707 / DR 13590)

Status: **Delivered** <02.23.04>

(FR none / SPR 5745 / DR 13665)

50. Title: WWA: reset spell check pointer

Description: After spell check is used in xmit editor the text pointer remains at the end of the document. This needs to be reset to the beginning after every use, or when the xmit editor is open. Also, when spell checking a document and the end of document is reached the user should be prompted "End of document reached, start from beginning?" Provide a yes/no box. If yes move pointer to top of doc and start spell checking, else if no move pointer to top of doc for next session and exit spell checking software.

Status: **Delivered** <3.05.04>

(FR 1251 / SPR 5746 / DR 13666)

51. Title: WWA: WWAAdmin hazard panel does not indicate change made before save

Description: Widget on the hazard panel do not change a flag indicating that a change was made to the widget. This is done in the configuration (flat file) component of the application. Therefore, when the user exits the application, there is no way to know if user made changes to the hazard panel. In short, configuration components remembers that user made changes and asks user if they would like to save those changes, while the hazard component does not...so a save is done ever time regardless of any changes.

Status: **Delivered** <3.5.04>

(FR NA / SPR 5858 / DR 13892)

52. Title: Update WWA Admin panels due to OB4 changes

Description: Update the WWA Admin application to unused settings no longer needed due to OB4 changes. These include completely removing the following panels: 1) Watch Outline Update (WOU/WCN Formatting) and 2) the Segment Order Entries tab found under the WWA Site drop down selection.

Status: **Delivered** <3.5.04>

(FR none / SPR 5859 / DR 13893)

53. Title: Error message blocks product transmission

Description: It was discovered that the transmit editor QC function displays an error message box that blocks the user from transmitting products when checking for comments surrounded by !** **!. When this box is displayed it should: 1) Not block the forecaster from issuing the product, but rather prompt them of the error. Example message "!** **! are invalid characters. Transmit anyway?" With two buttons "transmit" continue with transmit process and "cancel" to exit back to make changes, 2) Tile bar says "End of File" This should read "Product Format Error"

Status: **Delivered** <3.12.04>

(FR NA / SPR 5903 / DR 14037)

54. Title: WWA: QC check for new H-VTEC format

Description: The H-VTEC requirement has again changed. The ddmmyy field before the static “T” field was reverted back to it’s original 6 char format as shown below. Also changed and shown below is the fr- field record field which was changed from a single numeric digit, zero (or "0"), to a 2 digit character/letter value of OO (oh, oh) for areal based hydro products.

Current H-VTEC: /0.ER.**00**T0000Z.**00**T0000Z.**00**T0000Z.**0**/

New H-VTEC: /0.ER.**000000**T0000Z.**000000**T0000Z.**000000**T0000Z.**OO**/

The transmit editor QC algorithm needs to be updated to parse the new H-VTEC line described above.

Status: **Delivered** <3.12.04>

(FR NA / SPR 5868 / DR 13904)

55. Title: WWA: Lock text widget in preview function

Description: The preview function allows text displayed to be edited, this should be locked from editing.

Status: **Delivered** <3.12.04>

(FR NA / SPR 5976 / DR 14214)

56. Title: WWA: product correction bugs

Description: NHD3 OB4 testing revealed the following bugs related to the product correction function: 1) Only automatically updates the P VTEC line when quality control is on, 2) If the product text file does not exist while trying to correct a product, WWA locks up 3) Mode is always set to Active when doing a correction. Therefore, background of mode field on transmit editor is always green. It should get the mode from the DB and handle other modes besides Active

Status: **Delivered** <4.12.04>

(FR NA / SPR 5867 / DR 13902)

57. Title: WWA: product correction

Description: The ability to correct issued products in WWA is not supported. Design for this functionality can be referenced in the provided use case.

Status: **Delivered** <4.2.04>

(FR NA / SPR 5627 / DR 13804)

58. Title: WWA Interface tweaks (OB4 merge)

Description: While in practice mode a reference to the pil WWAWRKWWA needs to be made in the transmit editor title bar.(Currently only shows pil, ie PDXWSWPDx) and successful transmit message box says for example, “PDXWSWPDx transmitted” When really practice products are not transmitted, but stored locally in WWAWRKWWA. Same considerations need to be taken for transmit fail message box while in practice mode. Also, in WWA Monitor change name of “Delete” button to “Delete/Restore”. (OB3 merge SPR 5625 / DR 13397)

Status: **Delivered** <11.11.03>

(FR NA / SPR 5630 / DR 13805)

59. Title: WWA: add 15 min buffer to composer when canceling a product (OB4 merge)

Description: When canceling a product in WWA automatically pad/ buffer the “Expires” time field by 15 minutes, in the WWA composer. This, along with the built in 15 minutes, will provide a combined buffer time of 30 minutes. This will then keep the “canceled” segment from purging to soon (30 min now) while the full multi-segmented product is being generated by the forecaster. (OB3 merge SPR 5628 / DR 13400)

Status: **Delivered** <11.17.03>

(FR 1096 / SPR 5742 / DR 13662)

60. Title: New field requirement for VTEC string (OB4 Merge)

Description: A new field has been added to the VTEC string...field “f.”, first character in string as described:
/f.aaa.cccc.pp.s.####.yymmddThhnnZ-yymmddThhnnZ/

This field can be either o, t, e, or x. For full detail on this change reference the associated SPR/DR. (Merge from OB3.1 FR 1096 / SPR 5740 / DR 13661) REMOVE WWAPUSH 3.1 PATCH CHANGE

Status: **Delivered** <02.27.04>

(FR NA / SPR 5885 / DR 13995)

61. Title: WSO malfunction with VTEC start time zeroed out.

Description: By definition the VTEC start time will zero out on product life cycles conducted after the original start time has passed. This causes problems in the WSO software which looks for this field to match before ingesting/processing.

Status: **Delivered** <3.5.04>

(FR NA / SPR 5893 / DR 14011)

62. Title: update ingest_sev & ingest_saw software with new status columns

Description: Two new columns were added to the status table in OB4, vtec_product_class and product_text_file. Both the ingest_sev and ingest_saw programs reference the status table and need to be updated to recognize these new columns.

Status: **Delivered** <3.10.04>

(FR NA / SPR 5894 / DR 14015)

63. Title: Allow transmit editor to be resized vertically

Description: The transmit editor is locked from being resized or maximized vertically and horizontally. This editor interface should continue to launch in the size as it currently does, but allow the forecaster to maximize vertically to the size of the viewable monitor by selecting a maximize button located on the interface frame, square in upper right corner. A minimize button is also required to shrink the interface back to the default size as it was when originally launched. Horizontal expansion is prohibited to preserve the 69 char maximum length.

Status: **Delivered** <3.12.04>

(FR NA / SPR 5904 / DR 14038)

64. Title: WWA crash if template file missing

Description: Selecting a hazard from the composer drop down menu WWA will crash (core dump) if the associated template file is not found.

Status: **Delivered** <3.12.04>

(FR NA / SPR 5869 / DR 13905)

65. Title: WWA: Generate NWR function needs user prompt/message boxes

Description: A message box needs to display when a user selects the regenerate NWR option that asks “Generate NWR message for each selected hazard in monitor?” At the end of NWR format processing a message box should display saying “NWR messages successfully generated” or if one or more fails the message will read as follows

“NWR message success on:

High Wind Warning

High Wind Watch

NWR message fail on:

Winter Storm Warning”

Only one message box should display before and after use of this function

Status: **Delivered** <Complete on or before 3.26.04>

(FR NA / SPR NA 5926 / DR 14104)

66. Title: WWA: Transmit editor will not resize once moved

Description: During NHD3 OB4 testing it was discovered that when the transmit editor is resized by selecting the maximize button on the widget frame upper right corner, drag the window to center of monitor, and then attempt to resize the transmit editor back to the original size (reselecting the maximize button) instead moves the interface back to the previous position within the monitor.

Status: **Delivered** <3.26.03>

(FR NA / SPR 5967 / DR 14194)

67. Title: WWA: 1701 compliance when using VTEC product class "T"

Description: When a forecaster selects the VTEC product class option "T" while the mode is "Active" generated text needs the TEST phraseology strategically scattered throughout the product as it is done when the users selects the test mode. Also as in the test mode if a user selects out of VTEC product class "T" this test wording will be removed (or not injected/generated)

Status: **Delivered** <4.9.04>

(FR NA / SPR 5968 / DR 14196) <Code check in on or before 4.9.04>

68. Title: WWA: Wrong VTEC end time when cancelling

Description: The VTEC end time of the last issued product/action should carry through when performing a cancellation. Currently the "now" time or any other time provided in the Expires field will become the VTEC end time which is not correct. However the ProdExp should continue to the same so the UGC time can be updated as desired.

Status: **Delivered** <4.12.04>

(FR NA / SPR 5785 / DR 13716)

69. Title: Replace all telnet and r commands with ssh

Description: telnet and r commands will be removed from the AWIPS platform for security reasons. Because of this any use of them must be changed to ssh type function.

Status: **Delivered** <1.30.04>

(FR NA / SPR 5786 / DR 13717)

70. Title: WWA: Intersite & nwr functionality runs if xmit fails

Description: In OB3 NHD4 testing it was discovered that if the xmit process fails products are still pushed to adjacent sites and nwr formatting executes if active. If the xmit process fails these should not run.

Status: **Delivered** <1.30.04>

(FR NA / SPR 5817 / DR 13811)

71. Title: Canceling a new hazard transmit causes previously issued hazard to change to recommended.

Description: Create and Transmit a hazard (example WSW) - The transmitted hazard is now in an issued active state. Next, Create a new hazard, but cancel the send from the transmit window. Then close the WWA Composer. Problem" The previously issued winter storm warning changes from an active state to a recommended state. (OB3 Reference DR 13564)

Status: **Delivered** <02.13.04>

(FR NA / SPR 5870 / DR 13906)

72. **Title: WWA: Attribute line policy 10-515**

Description: Incorporate discussed attribute workaround. Update NPW, WSW templates to comply with attribute policy (10-515) which will look close to this example
...Headline...

The National Weather Service Albany NY
has issued a Blizzard Warning.

A blizzard warning.....<descriptive text continues>.

Supporting doc: <http://www.nws.noaa.gov/directives/010/pd01005015c.pdf>

Status: **Delivered** <3.12.04>

(FR none / SPR 5895 / DR 14016 & DR 14201)

73. **Title: WWA “TEST” phrasing not 1701 compliant**

Description: WWA “test” & practice products are not 1701 compliant. Two additional changes are needed to the current TEST phrasing injected into WWA generated products for compliance, 1) From 1701, “The word TEST and an ellipsis begins the Product type line, and an ellipsis and the word TEST follows the name of the product in the Product type line.” and 2) the word TEST must be placed into all headlines, preceding the headline text, after the first ellipsis. Finally, test phrasing should occur when test mode is selected for any WWA product/hazard. Example of described additions,

A non-test WSW MND header would look like:

URGENT - WINTER WEATHER MESSAGE
NATIONAL WEATHER SERVICE BALTIMORE-WASHINGTON
455 PM EST WED MAR 3 2004

A non-test WSW Headline would look like:

...BLIZZARD WARNING IN EFFECT UNTIL 5 AM EST THURSDAY...

A TEST WSW MND header would look like:

TEST...URGENT - WINTER WEATHER MESSAGE...**TEST**
NATIONAL WEATHER SERVICE BALTIMORE-WASHINGTON
455 PM EST WED MAR 3 2004

A non-test WSW Headline would look like:

...**TEST** BLIZZARD WARNING IN EFFECT UNTIL 5 AM EST THURSDAY...

Status: **Delivered** <4.6.04>

(FR none / SPR 5916 / DR 14082)

74. **Title: Level two long fuse headline standardization**

Description: OS has provided a new requirement, second level headline standardization document, to OST which can be referenced at (Web http://www.nws.noaa.gov/mdl/wwa/docs/WWA_Standardized_Headline_Level_Two.pdf). All WSW/NPW template files need to be updated as described in the associated OS document with the exception of the EXT phrasing of EXTENDED/SHORTENED. Unless this can be accomplished without software development the EXT phrasing will be addressed at a later date. Leave what is currently in templates for this EXT state.

Status: **Delivered** <3.26.04>

(FR NA / SPR 5925 / DR 14105)

75. **Title: WWA “Experimental” phrasing not 1701 compliant**

Description: WWA “Experimental” products are not 1701 compliant. One additional change is needed, From 1701, “The word EXPERIMENTAL and an ellipse begins the product type line. No BBB field is included.”

This phrasing needs to be added for all products that have vtec E or X product class fields only.

Phrasing example:

A non-experimental WSW MND header would look like:

URGENT - WINTER WEATHER MESSAGE
NATIONAL WEATHER SERVICE BALTIMORE-WASHINGTON
455 PM EST WED MAR 3 2004

A TEST WSW MND header would look like:

EXPERIMENTAL...URGENT - WINTER WEATHER MESSAGE...EXPERIMENTAL
NATIONAL WEATHER SERVICE BALTIMORE-WASHINGTON
455 PM EST WED MAR 3 2004

Status: **Delivered** <3.30.04>

(FR / SPR 5973 / DR 14197)

76. **Title: WWA: nwr.bat program uses rsh instead of ssh, therefore WWA cannot create NWR products.**

Description: NWR products cannot be created via WWA because the nwr.bat program is using rsh instead of ssh, which is required in the new secure environment.

Status: **Delivered** <4.9.04>

(FR 1091 / SPR 5686 / DR 13518)

77. **Title: WWA: Regenerate NWR messages**

Description: It's the fields request for an option to generate a NWR message without having to regenerate a WWA product. IE...provide a button to generate a NWR message anytime and on the fly for issued products.

Status: **Delivered** <01.30.03>

(FR 1375 / SPR NA / DR 13462)

78. **Title: WWA: WarnGen NWR formatting failure after OB2 install**

Description: PBZ email - A major problem that we just discovered with the AWIPS CRS formatters after OB2 . When we issue the 3 short term warnings via WARNGEN (SVR<FFW<TOR) the AWIPS CRS formatters only work occasionally. Most of the time the product stays green (unissued) in the WWA monitor window. We have had to revert back to CAFÉ for the 3 short fused products until this could be fixed. <OB4 merge not necessary in before COB) (OB3 Merge SPR 5504 / DR 13259)

Status: **Delivered** <01.12.04>

(FR NA / SPR NA / DR 13405)

79. **Title: WWA: Missing Template Files (OB4 merge)**

Description: Numerous WWA NWR template files were discovered missing from the nationalData. These need to be created and delivered in OB3. (OB3 merge SPR NA / DR 13298)

Status: **Delivered** <11.24.03>

(FR NA / SPR NA / DR NA)

80. **Title: WWA: Create OB4 install/uninstall scripts**

Description: As stated in title.

Status: **Delivered** <3.23.04>

(FR none / SPR 5958 / DR 14183)

81. Title: Composer labels

Description: WWA composer time labels: Begins, Duration, and Expires need change to: Begins = HazBegins, Duration = HazDuration, Expires = HazExpires. The Composer Restart button needs to be changed to Reset. Under Options on the Composer menu bar a separator needs to be placed between the product/VTEC Type selection and the Site Selection and also between the Site selection and the Reset selection. Also under options the selection “Test” needs to change to “Live Comm Test” and moved to the last place in the drop down list and the selection “Practice” needs to change to “In-House Practice”. In the WWA Monitor the Edit & Transmit button needs to change from the color red to black.

Status: **Delivered** <4.9.04>

(FR NA / SPR 5650 / DR 13807)

82. Title: WWA: Online help instructions (OB4 Merge)

Description: It was strongly requested at the field/regional OB3 test drive to have WWA online help, cookbook type, instructions in OB3. This help application is to be launched from at least the WWA Composer GUI and needs to contain the step by step instructions found in the WWA Users Manual. (OB3 Merge SPR 5649 / DR 13431)

Status: **Delivered** <11.24.03>

(FR NA / SPR 5716 / DR 13552)

83. Title: Update OB4 install files

Description: comment out or get rid of OB3 install commands in any relevant WWA install file.

Status: **Delivered** <12.12.04>

(FR NA / SPR 5900 / DR 14034)

84. Title: EAX prim backup site is LSX

Description: The file prim_sec_bak.txt which defines primary and secondary backup sites has SGF as the primary back up site for EAX, this should be LSX

Status: **Delivered** <3.9.04>

(FR NA / SPR 5914 / DR 14075)

85. Title: WWA Small Stream Flood Advisory fails to be added to the char table

Description: As stated in title

Status: **Delivered** <3.14.04>

(FR NA / SPR 5948 / DR 14165)

86. Title: Update backup site list with CRH/WRH changes

Description: The file prim_sec_bak.txt defines primary and secondary backup sites used by WWA. Some CRH/WRH backup sites have changed and therefore this file needs to be updated to reflect the change. Detailed list provided in SPR/DR.

Status: **Delivered** <3.30.04>

(FR NA / SPR 5966 / DR 14191)

87. Title: IND backup sites not listed correctly

Description: The file prim_sec_bak.txt defines primary and secondary backup sites used by WWA. IND is incorrect and should be: IND|IWX|LMK

Status: **Delivered** <4.5.04>

(FR NA / SPR 5943 / DR 14152)

88. Title: Transmit window modifications

Description: Need to make the transmission mode of the product more apparent to the forecaster when transmitting the product. This should include color coding the warning message in the transmit window and adding (or modifying in post OB3_ a final Yes/No selection before the text is disseminated to the public. Also it was requested that the transmit button label change to Edit & Transmit...

Status: **Delivered** <03.26.04>

(FR NA / SPR 5972 / DR 14205)

89. Title: WWA Update final validation graphics

Description: By request of the field the stop sign final validation graphic was replaced with more descriptive graphics.

Status: **Delivered** <4.6.04>

(FR 1371 / SPR 5797 / DR 13747)

90. Title: WWA: Allow products to be issued out to day 7 OB4 merge

Description: The new NWS Directives (effective Dec2) allow for outlook-type products, such as frost/freeze outlook, to be issued out to seven days in advanced of the actual event. However in the WWA composer, the maximum duration is 99 hours, approximately 4 days. Thus to accommodate these outlook products, WWA should use a three digit box for the "hours" of duration, Expiration and ProdExp, instead of the two digit box it now uses. It is ok if every hazard type (or product) reflects this 3 digit field in the composer. (OB3.1 merge SPR 5803 / DR 13756)

Status: **Delivered** <2.06.04>

(FR NA / SPR 5874 / DR 13941)

91. Title: No "ok" selection on WWA message boxes

Description: In the OB4 field/regional demo it was again asked that popup message boxes that do not require user input not contain an unselectable "ok" check box. These message type function should work as it currently does but without the ok button.

Status: **Delivered** <3.30.04>

(FR NA / SPR 5878 / DR 13944)

92. Title: keep primed changes

Description: By design products in the WWA monitor can be selected prior to opening the composer interface which will initialize composer related fields - otherwise known as priming. However, when the hazard is switched all initialized fields are set to the generic default thus losing the benefit of priming. Composer related fields should not reset when the hazard is switched, however it will still be necessary to switch the map background to the appropriate map as defined by the local site.

Status: **Delivered** <4.9.04>

(FR NA / SPR 5873 / DR 13938)

93. Title: WWA: Center and right mouse click on WWA Monitor

Description: Currently when the right mouse is selected on a hazard listed in the WWA Monitor UGC information is displayed in a popup window and a center mouse button will display the selected hazard text (along with other associated hazard segments/text) as it was publically issued to the user. These mouse selections need to change to the following: The UGC display needs to change from a right mouse click to a center mouse click. A right mouse selection in the WWA monitor will now display a drop down menu that contains the following selections: 1) "Display Product" - Display issued product as it's currently done with center mouse selection, 2) Generate NWR Message - Function also under Options that will launch the function to regenerate NWR messages for issued products. Display Product options will also need to be added to the monitor menu bar under the selection "options"

Status: **Under Work** <3.17.04>

(FR NA / SPR 5821 / DR 13851)

94. Title: WWA: H-VTEC day field requirement change

Description: The original H-VTEC line used for areal NWS products (WWA hydro products) has been altered. The ddmmyy field before the static "T" field was shortened to only dd or specifically to double zero "00".

Old H-VTEC: /0.ER.000000T0000Z.000000T0000Z.000000T0000Z.0/

New H-VTEC: /0.ER.00T0000Z.00T0000Z.00T0000Z.0/

Status: **Delivered** <2.09.04>

(FR NA / SPR 5891 / DR 14009)

95. Title: VTEC start time zeroed out before valid hazard time

Description: As part of 1703 the start time in the VTEC string will go to all zeros during life cycle states after the original valid time of the hazard is reached. Currently this is happening before the valid time is reached.

Status: **Delivered** <3.5.04>

(FR NA / SPR 5892 / DR 14010)

96. Title: Canceling a partially replaced WCN

Description: Canceling a WCN after it has already been partially replaced by an new incoming WCN, and you will not get the correct VTEC/segmenting. It looks like the code will allow only multiple followups to occur, or multiple clearings to occur, but you can't mix them and you can't cancel them without issuing them first or WWA won't know what's going on.

Status: **Delivered** <3.17.04>

(FR NA / SPR 5917 / DR none 14083)

97. Title: Regenerate NWR messages Fails

Description: NDH3 testing revealed a bug causing the regenerate NWR message to fail. There is also question on if the exact MRD number is being reused so NWR message are replaced rather than broadcast twice, a method that will also ensure alarmed products are not re-alarmed.

Status: **Delivered** <4.6.04>

(FR NA / SPR 5978 / DR none 14221) <Code checkin on or before 4.19.04>

98. Title: Fine tune WWA message displays

Description: NHD3 OB4 testing revealed several miss leading message boxes, or lack there of, that display (or should display) to the user. 1) When using the "Regenerate NWR message" function a box initially displays asking the user to continue yes/no and then an end status message is displayed. However, in between these two a message need to display reading "Formatting NWR message..." to avoid the appearance of WWA locking up (no unselectable "ok" should accompany this message, reuse new text only function), 2) In practice mode the current processing message displayed after selecting "Send" on the transmit editor reads, "Pushing Product and launching WWA NWR program" this isn't accurate and should read "Storing WWAWRKWWA locally and sending product to NWR browser.", unique message for practice mode only and also no unselectable "ok" should accompany this message, reuse new text only function, 3) At the end of a successful WWA issuance a message displays reading "Stored in WWAWRKWWA", title bar "WWA - PRACTICE". This message should only display in Practice mode. In Active & Test modes this message should read according to the configuration of the local WWA (intersite on/off, NWR formatting on/off) possible message boxes include: a) "Pushing <pil, eg PDXWSWPDX> to <site ids, eg PDX, SEA, MFR> and formatting NWR message..." for intersite on and NWR formatting on b) "Formatting NWR message..." for intersite off and NWR formatting on, c) "Pushing <pil, eg PDXWSWPDX> to <site ids, eg PDX, SEA, MFR>..." for intersite on and NWR formatting off, d) "Issuing <pil, eg PDXWSWPDX>...." for intersite off and NWR formatting off. The title bar for each possible message box should generically read WWA - TRANSMITTING, 4) As similarly described in #3 Correction message boxes should read the same, however intersite is not used for corrections so message combinations would read: a) "Formatting NWR message..." NWR formatting on b) "Issuing <pil, eg PDXWSWPDX>...." for NWR formatting off. The title bar for each possible message box should generically read WWA - TRANSMITTING, 5) Finally, all message boxes needs to display to the center of the monitor, messages boxes are currently display in various and sometimes random locations.

(FR NA / SPR 5979 / DR 14222) <Code check in on or before TBD/ASAP>

99. Title: VTEC EXP not supported

Description: WWA need to support VTEC EXP option. In short a design & development need to be done where functionality is provided to the user to issue a product alerting the external customer a product is about to expire naturally which will use the VTEC action code EXP. EXP is also used when a forecaster issues a product at a time past the VTEC ending time, but before the product purge time (or UGC time). As much as possible this function will need to be automated. Consult 10-1703 for full detail.

(FR NA / SPR TBD / DR TBD) <Code check in on or before TBD>

100. Title: Single ETN counter

Description: During NMTW VTEC DT&E testing it was discovered that while in active (operational), test, experimental modes the same ETN was not being used. One unique ETN for each hazard is needed.

(TBD, FR none / SPR TBD / DR TBD) <Code check in on or before TBD>

101. Title: ETN values erroneously zero out during product generation.

Description: During NMTW VTEC DT&E testing it was discovered that ETN values would zero out when the following steps are performed. Step1) Followup an issued product, step2) launch transmit editor then cancel back to composer, step3) launch transmit editor. Similarly CON field of a clearing zero's out when clearing, however CAN segment retains correct ETN.

(TBD, FR none / SPR TBD / DR TBD) <Code check in on or before TBD>

102. Title: Erroneous ETN increment.

Description: When performing a clear from the following steps the ETN field of the CON segment erroneously increments on digit. step1) Select “clear” on an issued product, step2) select area to remove, step3) select transmit from composer to open transmit editor then cancel back to composer, step4) close composer interface, step5) select “green” unissued product in the WWA monitor and select transmit from the monitor interface.

(FR NA / SPR 5693 / DR 13552) <Code check in on or before 04.02.04>

103. Title: WWA Update PDF help docs

Description: as stated in title, include Admin online help pdf guide.

(FR none / SPR 5856 / DR 13890)

104. Title: Update WWA to new Hydro policy

Description: Received a draft 1/28/04 reflecting new hydro product formats. In short all hydro products will now be segmented and have a bullet format. Reference NWS 10-922

(FR NA / SPR TBD / DR TBD) <Code check in on or before 4.16.04>

105. Title: WWA: More product correction bugs

Description: NHD3 OB4 testing revealed the following bugs related to the product correction function: 1) Segments with multiple VTEC fields as in the case of a replacement CAN & NEW only the CAN field in the first VTEC line is updated with COR. Both lines should get COR. 2) 1701 Compliant MND header bullets are missing in correction function. In the event a correction is performed on a test or practice product the TEXT 1701 compliant MND bullets will be used, 3) Correction and Test handleOUP.pl calls are not using the correct switch for the required WMO header.

(FR NA / SPR 5918 / DR 14086) <Code check in on or before 3.16.04>

106. Title: NWR formatting fails with segmented products greater than 9

Description: PBZ discovered a bug causing NWR formatting to fail on multi-segmented products with greater than 9 segments. This first shows up in OB2.3 and appears to be carried through into OB4.